



17224 U.S. PTO  
120303

# UTILITY APPLICATION

Attorney Docket No.: ASMINT.049AUS

First Named Inventor: Ernst H. A. GRANNEMAN

Title: APPARATUS AND METHOD FOR ATOMIC LAYER  
DEPOSITION ON SUBSTRATES

Express Mail Label No.: EV 351352177 US

**Direct all correspondence to Customer No.: 20995**

Date: December 3, 2003

Page 1 of 2

## Mail Stop Patent Application

United States Patent and Trademark Office

PO Box 1450

Alexandria, VA 22313-1450

The following enclosures are transmitted herewith to be filed in the patent application of:

Inventor(s):

1. Ernst H. A. GRANNEMAN
- 2.
- 3.
- 4.

## APPLICATION ELEMENTS:

- (X) Specification in 33 pages.
- (X) Drawings in 10 formal sheets.

## CONTINUITY INFORMATION:

Application	Relationship	Parent App. No.	Filing Date	Status
This Application	Utility	60/431,337	12/05/2002	Pending

- (X) Incorporation by Reference. The entire disclosure of the prior application(s) is considered a part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

## OTHER APPLICATION PARTS:

- (X) Preliminary Amendment in 6 pages.
- (X) Return prepaid postcard.

31088 U.S. PTO  
10/728126  
120303



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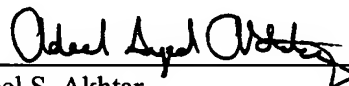
Date: December 3, 2003

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**FILING FEES:**

FEE CALCULATION				
FEE TYPE		FEE CODE	CALCULATION	TOTAL
Basic Utility		1001 (\$770)		\$770
Non-English Spec.		1053 (\$130)		\$0
Recordation Fee		8021 (\$40)	* x 40 =	\$0
Excess Claims > 20	29 - 20 = 9	1202 (\$18)	9 x 18 =	\$162
Independent > 3	3 - 3 = 0	~1201 (\$86)	0 x 86 =	\$0
Multiple Claim		1203 (\$290)		\$0
			<b>TOTAL FEE DUE</b>	<b>\$932</b>

(X) The total fees calculated above will be paid at a later date.



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MAIL STOP PATENT APPLICATION  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

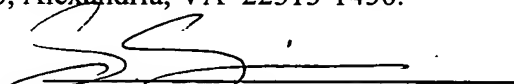
**CERTIFICATE OF MAILING BY "EXPRESS MAIL"**

**Attorney Docket No.** : ASMINT.049AUS  
**Applicant(s)** : ERNST H.A. GRANNEMAN  
**For** : APPARATUS AND METHOD FOR ATOMIC  
LAYER DEPOSITION ON SUBSTRATES  
**Attorney** : Adeel S. Akhtar  
**"Express Mail"**  
**Mailing Label No.** : EV 351352177 US  
**Date of Deposit** : December 3, 2003

I hereby certify that the accompanying

Transmittal letter; specification in 33 pages; 10 sheets of drawings; Preliminary  
Amendment in 6 pages; Return Prepaid Postcard

are being deposited with the United States Postal Service "Express Mail Post Office to  
Addressee" service under 37 CFR 1.10 on the date indicated above and are addressed to the  
Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

  
Sabrina Simmons

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